# ampt X.

This presentation is from Ampt's participation in a panel discussion at: Solar Asset Management – North America

Session 7A – Repowering: What Is It and How Does It Impact the Bottom Line?



13-14 March 2018 - San Francisco

# ampt X.





Optimize PV Systems

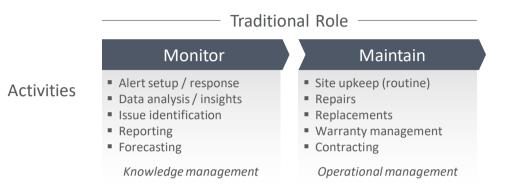


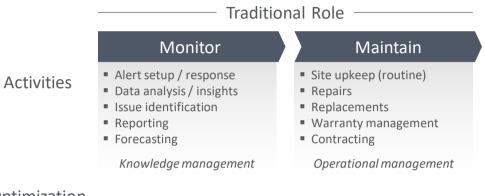
Repower PV Systems

**DC-Coupled Storage** 



Monitoring and O&M



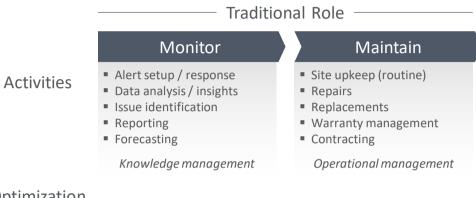


#### Optimization Focus

Decisions

Cost

Cost



Optimization Focus

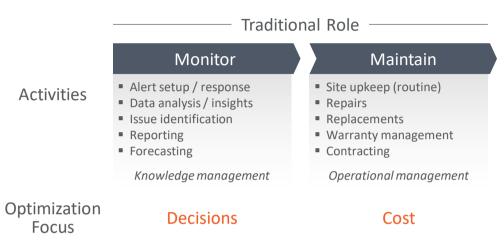
Decisions

Challenges & Constraints for Repowering



- Limited visibility
- Lack of granular control

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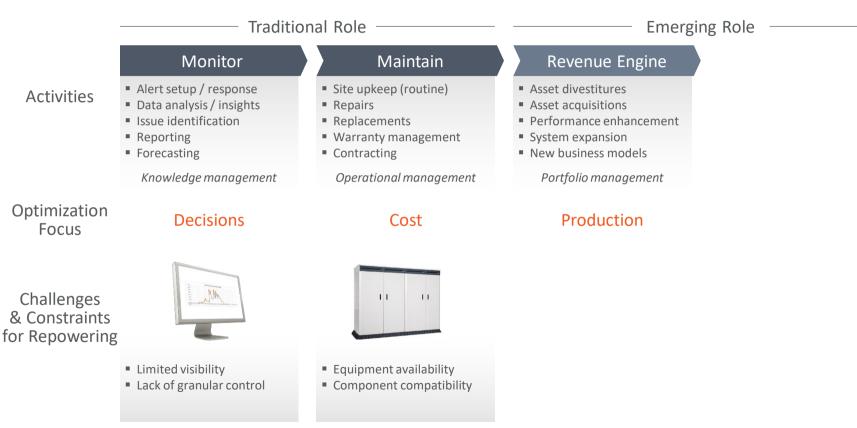
Challenges & Constraints for Repowering

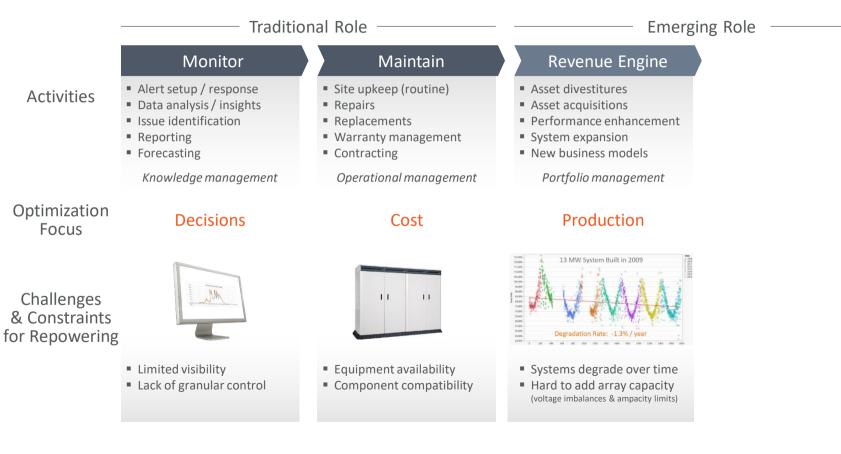


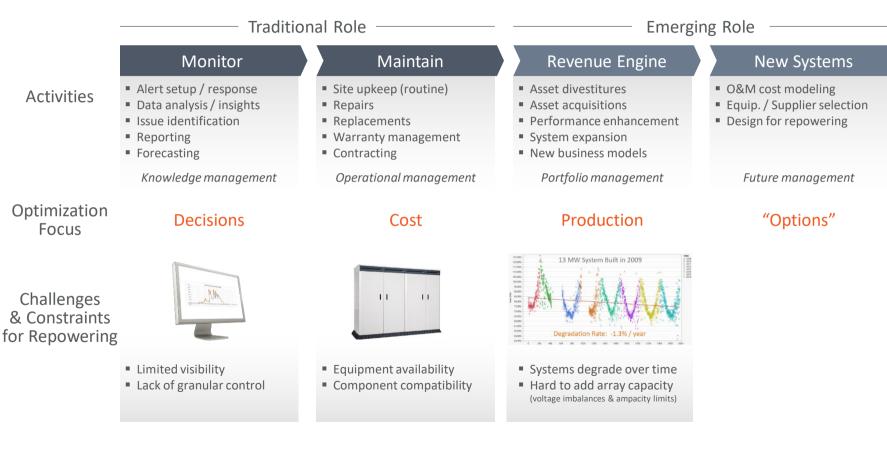
- Limited visibility
- Lack of granular control

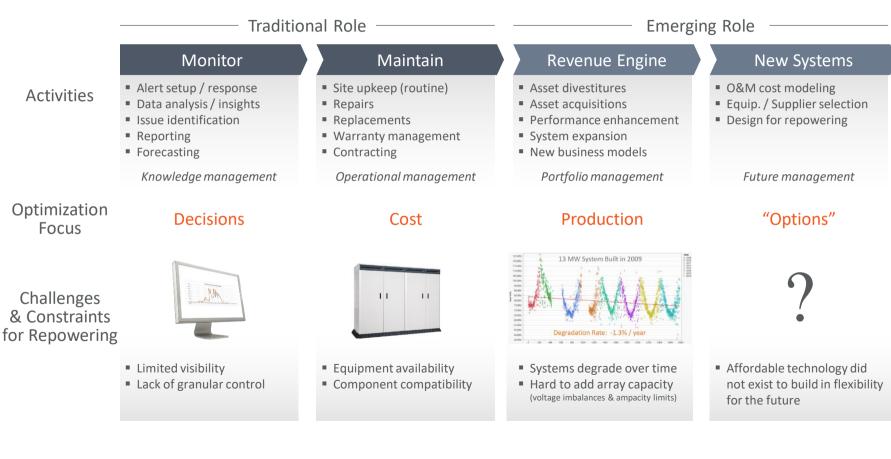


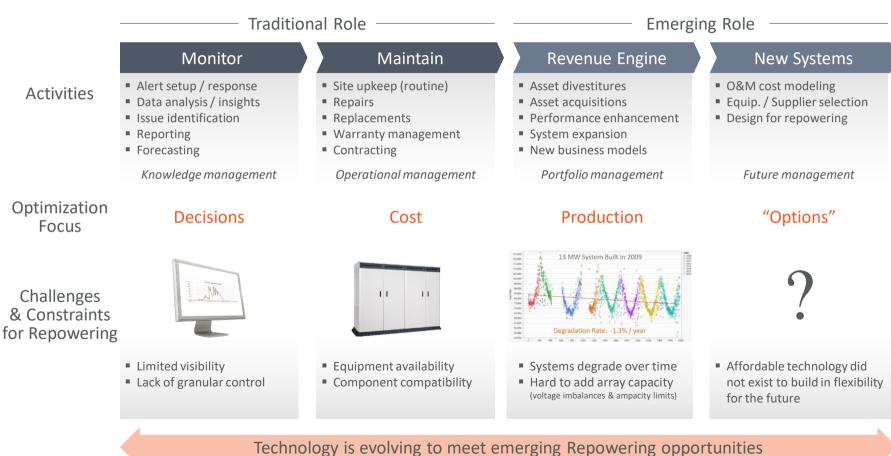
- Equipment availability
- Component compatibility

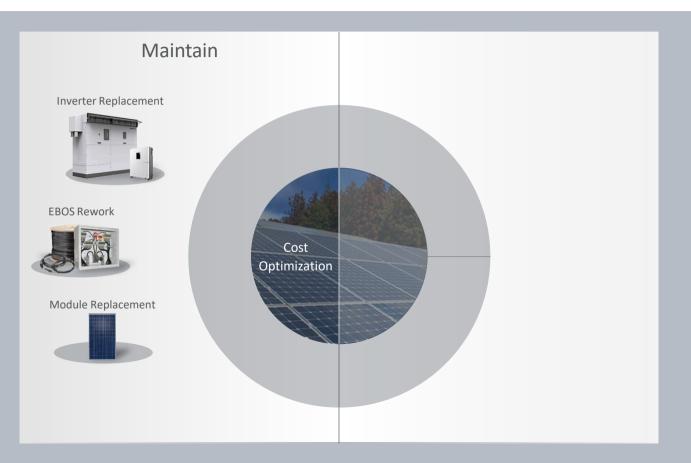


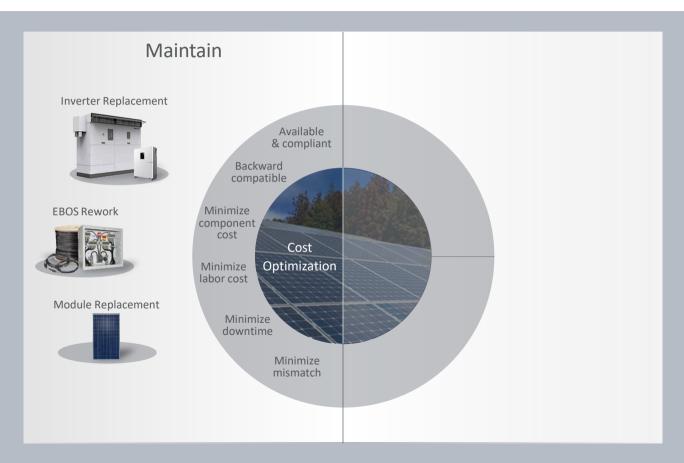


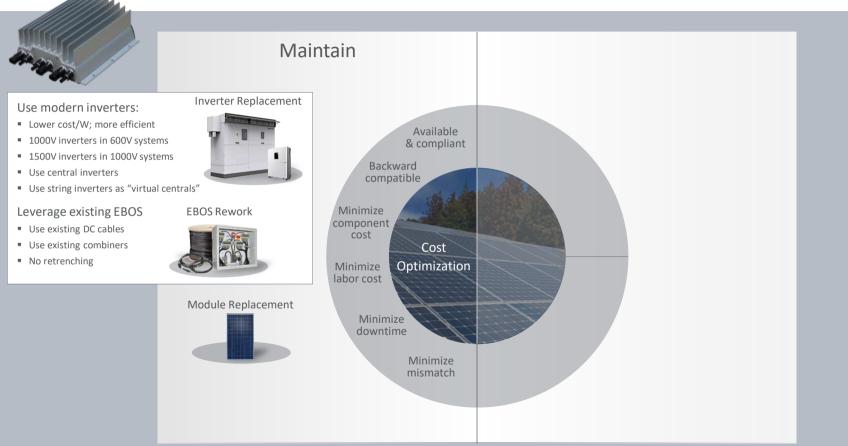


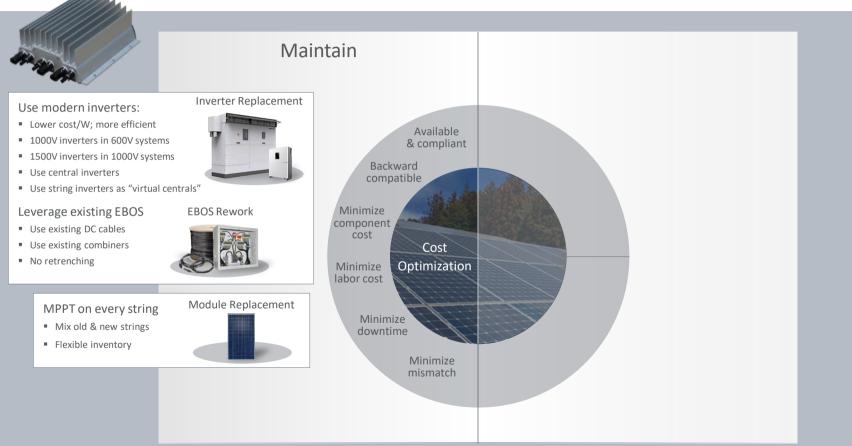


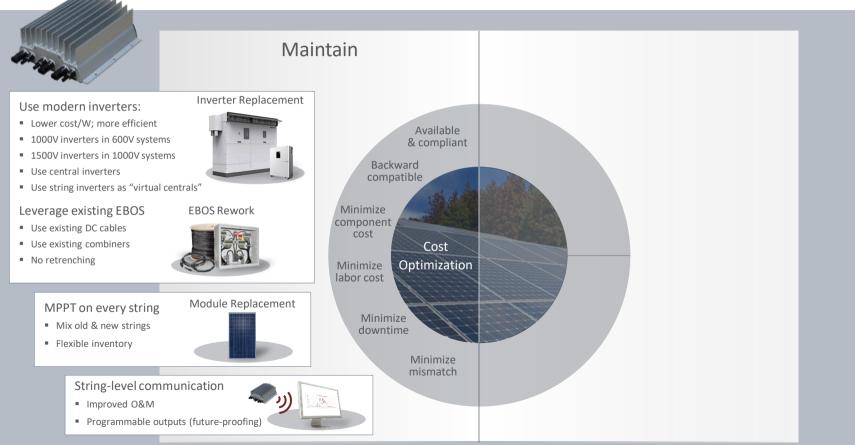


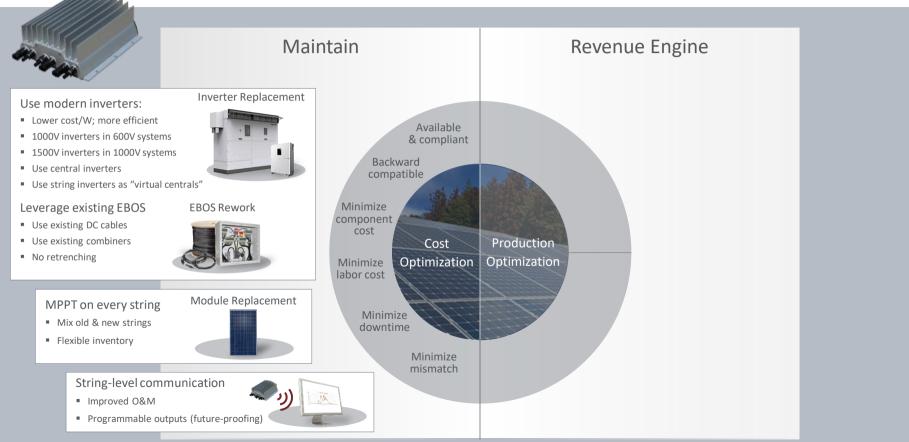


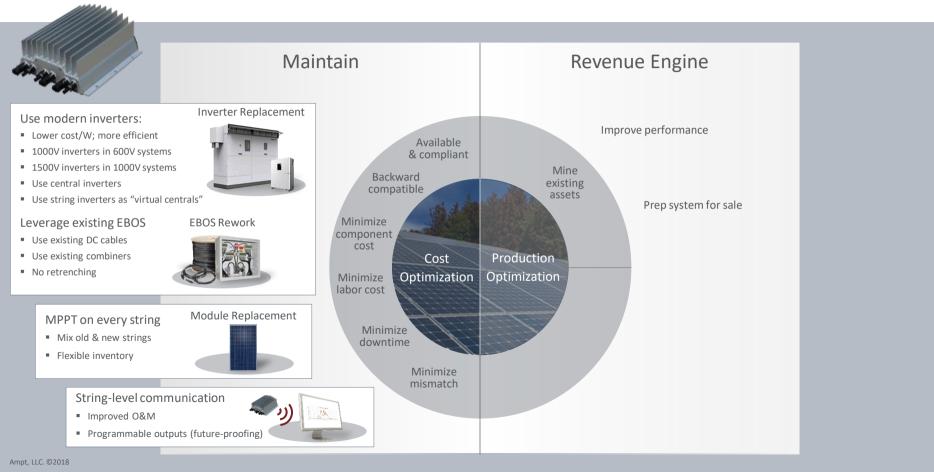


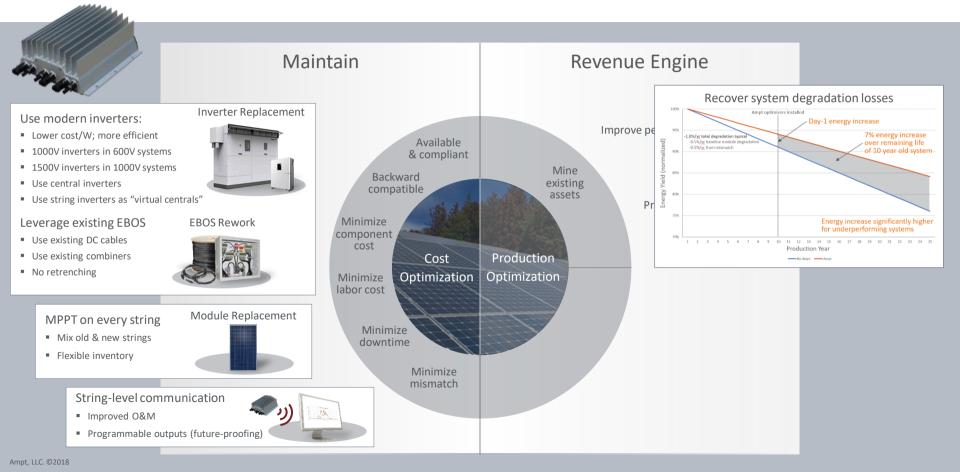


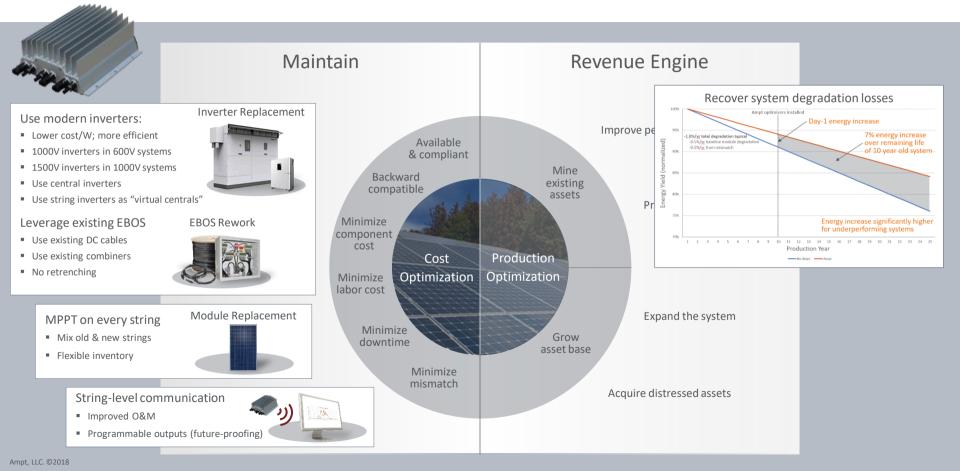


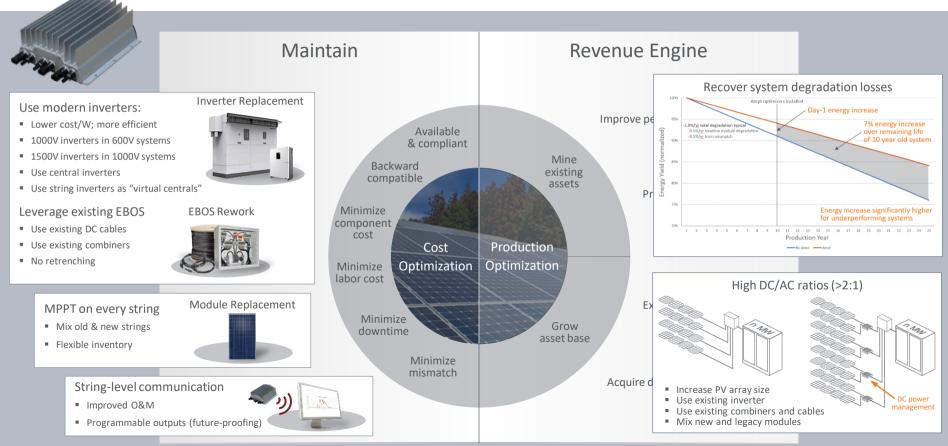












#### Repowering: What is it and how does it impact the bottom line?

- The roles of SAMs and repowering are expanding
- Innovative technology is enabling new opportunities
- Repowering has emerged as a revenue engine (vs. cost)
- Develop a vision for "Portfolio" and "Future" management
- Build in flexibility options have value
- New systems can be designed for repowering while lowering upfront system cost using DC power management

